

# A Burcu Altan-Sakarya

## List of Publications by Year in descending order

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23  
papers

414  
citations

1039406

9  
h-index

794141

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Operation of Water Distribution Pumps Considering Water Quality. Journal of Water Resources Planning and Management - ASCE, 2000, 126, 210-220.	1.3	96
2	Optimization of Multireservoir Systems by Genetic Algorithm. Water Resources Management, 2011, 25, 1465-1487.	1.9	88
3	Discharge formula for rectangular sharp-crested weirs. Flow Measurement and Instrumentation, 2011, 22, 144-151.	1.0	69
4	Optimal lined channel design. Canadian Journal of Civil Engineering, 2006, 33, 535-545.	0.7	25
5	Performance of Slit Weir. Journal of Hydraulic Engineering, 2006, 132, 987-989.	0.7	22
6	Computation of discharge for simultaneous flow over weirs and below gates (H-weirs). Flow Measurement and Instrumentation, 2013, 29, 32-38.	1.0	21
7	Weir velocity formulation for sharp-crested rectangular weirs. Flow Measurement and Instrumentation, 2015, 41, 50-56.	1.0	18
8	Chance Constrained Optimization of Booster Chlorination in Water Distribution Networks. Clean - Soil, Air, Water, 2015, 43, 717-723.	0.7	16
9	Assessment of sediment yield estimations for large watershed areas: a case study for the Seyhan, Demirköprü and Hirfanlı reservoirs in Turkey. Hydrological Sciences Journal, 2015, 60, 2189-2203.	1.2	10
10	Numerical simulation of A-type hydraulic jumps at positive steps. Canadian Journal of Civil Engineering, 2000, 27, 805-813.	0.7	8
11	Numerical simulation of minimum B-jumps at abrupt drops. International Journal for Numerical Methods in Fluids, 2008, 56, 1605-1623.	0.9	8
12	Numerical modelling of contracted sharp-crested weirs and combined weir and gate systems. Irrigation and Drainage, 2020, 69, 854-864.	0.8	8
13	Short-Term Flood Control and Long-Term Energy Maximization in Multi-reservoir Systems Using Improved Particle Swarm Optimization. Water Resources Management, 2021, 35, 4293-4307.	1.9	6
14	Optimal scheduling of booster disinfection in water distribution networks. Civil Engineering and Environmental Systems, 2017, 34, 278-297.	0.4	5
15	Closure to "Optimal Operation of Water Distribution Pumps Considering Water Quality" by A. Burcu Altan Sakarya and Larry W. Mays. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 82-82.	1.3	4
16	Local energy losses at positive and negative steps in subcritical open channel flows. Water S A, 2011, 37, .	0.2	4
17	Optimum design of slurry pipelines by genetic algorithm. Civil Engineering and Environmental Systems, 2014, 31, 311-330.	0.4	3
18	Optimal dewatering of an excavation site. Water Management, 2012, 165, 327-337.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation of the Anti-Vortex Devices of Beyhan 1 Dam and Hydroelectric Power Plant Water Intake Structure. <i>Procedia Engineering</i> , 2016, 161, 881-886.	1.2	1
20	Discussion of "Uniform and Critical Flow Computations" by Ramappa G. Patil, J. S. R. Murthy, and L. K. Ghosh. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2006, 132, 634-634.	0.6	0
21	Discussion of "Generalized Head-Discharge Equation for Flow over Sharp-Crested Inclined Inverted V-Notch Weir" by M. N. Shesha Prakash and A. V. Shivapur. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2006, 132, 80-81.	0.6	0
22	Application of a flow-measurement structure for sediment-laden streams. <i>Canadian Journal of Civil Engineering</i> , 2009, 36, 1539-1543.	0.7	0
23	Experimental Investigation of the Original Project of Yukari Kalekry Dam and Hydroelectric Power Plant Spillway. <i>Procedia Engineering</i> , 2016, 161, 313-317.	1.2	0